

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	735	(623/1.11).CCLS.	USPAT; USOCR	OR	OFF	2006/12/20 14:50
S6	2	((("4597755") or ("6395008")).PN.	USPAT; USOCR	OR	OFF	2006/12/20 15:14
S7	317	(604/509).CCLS.	USPAT; USOCR	OR	OFF	2006/12/20 15:16
S9	292	S8 and balloon	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:17
S8	303	S7 and catheter	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:17
S11	1063	(604/96.01).CCLS.	USPAT; USOCR	OR	OFF	2006/12/20 15:20
S10	84	S9 and marker	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:20
S15	47	S14 and hub	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:34
S13	870	S12 and balloon	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:34
S12	909	S11 and catheter	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:34
S4	176	S3 and marker	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:34
S3	623	S2 and balloon	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:34
S2	692	S1 and catheter	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:34
S16	168	S4 and stent	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:02
S17	2	S13 and (MRI adj marker)	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:16
S14	222	S13 and marker	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:16
S19	2	S11 and (MRI adj marker)	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:17
S18	0	S1 and (MRI adj marker)	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:17

S20	38	(MRI adj marker)	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:25
S24	358	S23 and tip	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:27
S23	1220	S22 and triang\$4	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:27
S22	17653	("623").CLAS.	USPAT; USOCR	OR	OFF	2006/12/20 16:27
S21	115	triangle adj tip	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:27
S26	25	S22 and (triang\$4 with tip)	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:28
S25	0	S22 and (triang\$4 adj tip)	US-PGPUB; USPAT	OR	OFF	2006/12/20 16:28
S27	77	S1 and hub	US-PGPUB; USPAT	OR	OFF	2006/12/20 17:19
S5	25	S4 and hub	US-PGPUB; USPAT	OR	OFF	2006/12/20 17:19
S30	623	S29 and balloon	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:29
S29	692	S28 and catheter	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:29
S31	176	S30 and marker	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:30
S37	74	S36 and spring	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:53
S36	222	S35 and marker	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:53
S35	870	S34 and balloon	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:53
S34	909	S33 and catheter	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:53
S33	1063	(604/96.01).CCLS.	USPAT; USOCR	OR	OFF	2006/12/21 07:53
S32	72	S31 and spring	US-PGPUB; USPAT	OR	OFF	2006/12/21 07:53
S28	735	(623/1.11).CCLS.	USPAT; USOCR	OR	OFF	2006/12/21 08:01
S40	2	S28 and (RF adj welding)	US-PGPUB; USPAT	OR	OFF	2006/12/21 08:05
S39	0	S28 and (radio adj frequency adj welding)	US-PGPUB; USPAT	OR	OFF	2006/12/21 08:05
S38	17	S28 and (heat adj bonding)	US-PGPUB; USPAT	OR	OFF	2006/12/21 08:05

S41	115	("0623022" "3913565" "4276874" "4307722" "4444188" "4498473").PN. OR ("4597755").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 11:48
S42	1720	(623/1.11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 11:49
S44	1438	S43 and catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 11:50
S43	1486	S42 and balloon	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 11:50
S47	489	(604/509).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 13:09
S46	191	S45 and (recess groove notch)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 13:09
S48	325	S47 and tip	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 13:10
S45	779	S44 and tip	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 13:10
S49	1078	(604/96.01).CCLS.	USPAT; USOCR	OR	OFF	2007/05/30 08:55
S50	321	S49 and radiopaque	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 09:02
S51	19	S49 and ((carbon polypropylene polyolefin) near fiber \$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 09:11
S52	1078	(604/96.01).CCLS.	USPAT; USOCR	OR	OFF	2007/05/30 09:46
S53	61	S52 and triang\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 10:08
S55	2197	(606/194).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 12:47
S54	1808	(623/1.11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 12:47

S56	502	(604/509).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:11
S57	1453	(604/96.01).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:14
S59	1722	(606/108).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:24
S58	1784	(606/200).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:24
S62	60	S61 and balloon.clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:25
S61	77	S60 and catheter.clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:25
S60	163	((tom near mchale) (jan near weber)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:25
S63	3	S62 and (recess\$ groove\$ slot\$ notch\$). clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 13:27
S64	29	("4475898" "4650466" "4801297" "5250034" "5348537" "5624413" "5647846" "5664567" "5718692" "5776111" "5957901").PN. OR ("6074374").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 15:57
S65	39	("4798597" "4994047" "4998923" "5015238" "5104389").PN. OR ("5348537").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 15:59
S67	93	("3817089" "3827115" "3938502" "3995623" "4112773" "4319580" "4545390" "4576177" "4589419").PN. OR ("4665925").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 16:12

S66	115	("0623022" "3913565" "4276874" "4307722" "4444188" "4498473").PN. OR ("4597755").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 16:12
S68	1174	(606/108).CCLS.	USPAT; USOCR	OR	OFF	2008/09/10 08:43
S69	602	S68 and catheter and balloon	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/10 08:44
S71	95	("3817089" "3827115" "3938502" "3995623" "4112773" "4319580" "4545390" "4576177" "4589419").PN. OR ("4665925").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:18
S70	120	("0623022" "3913565" "4276874" "4307722" "4444188" "4498473").PN. OR ("4597755").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:18
S72	272	("3434869" "3435826" "3605725" "3671490" "3833004" "3834394" "3890976" "4024873" "4024875" "4029104" "4154244" "4191193" "4254774" "4271839" "4292947" "4299226" "4307732" "4318410" "4323071" "4326532" "4327709" "4385635" "4411055" "4413989" "4445892" "4464176" "4467790" "4490421" "4517979" "4526175" "4531512" "4531943" "4536179" "4571240" "4572186" "4573470" "4577637" "4581017" "4582181"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:19

		"4583974" "4587975" "4589412" "4597755" "4601706" "4616648" "4616653" "4621646" "4650466" "4664113" "4676249" "4692148" "4702252" "4738666" "4744366" "4748982" "4748984" "4754752" "4762129" "4763654" "4771776" "4771777" "4771778" "4773901" "4775371" "4777951" "4782834" "4796629" "4798586" "4808164" "4811737" "4820270" "4821722" "4824436").PN. OR ("4921483").URPN.				
S73	1	("5484424").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:23
S74	1	("5605543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:25
S75	79	("4323071" "4547193" "4646742" "4739768" "4838268" "4906241" "4917088" "4921483" "4940062" "4943278" "4946466" "4960410" "4976690" "4976720" "4998917" "4998923" "5032113" "5035705" "5047045" "5085636" "5100381" "5104376" "5154725" "5156594" "5156595" "5176637" "5180376" "5195971" "5195978" "5195989" "5217482" "5242394" "5250069"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:27

		"5256144" "5322064" "5322505" "5437288").PN. OR ("5605543").URPN.				
S76	51	("4425908" "4673394" "4781685" "4983169" "5004456" "5085649" "5152777" "5178158" "5234458" "5300086" "5308342" "5329942").PN. OR ("5484424").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:28
S77	63	("4573470" "4616648" "4655771" "4665918" "4681110" "4732152" "4733665" "4748982" "4762129" "4771777" "4793348" "4824435" "4848343" "4877031" "4966148" "4988356" "5002531" "5026377" "5034001" "5037427" "5040548" "5061273" "5078720" "5102403" "5135535" "5180368" "5192297" "5201757" "5290295" "5458615" "5484449" "5507768" "5690644" "5782855").PN. OR ("6380457").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:34
S78	300	("3713175" "4130904" "4306318" "4479497" "4503569" "4573470" "4582181").PN. OR ("4665918").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 13:37
S82	166	(600/141).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:05
S81	353	(600/139).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:05

S80	409	(600/129).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:05
S79	118	(600/128).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:05
S83	86	(600/144).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:06
S84	142	("3435826" "3605725" "3789841" "3890976" "3995623" "4003369" "4024873" "4029104" "4299226" "4385635" "4402307" "4413989" "4445892" "4464176" "4516972" "4531943" "4545390" "4553959" "4582181" "4616653" "4619274" "4646742" "4723936" "4844579").PN. OR ("4976690").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:19
S85	38	("5360401" "5441516" "5480383" "5499973" "5534007" "5545138" "5549552" "5554121" "5571135" "5605543" "5632760" "5772669" "5776140" "5776141").PN. OR ("6042588").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:26

S86	86	("3733309" "4100309" "4119094" "4323071" "4356300" "4411055" "4456000" "4490421" "4563181" "4743258" "4820349" "4835003" "4846174" "4886506" "4898591" "4906244" "4917667" "4950257" "4976690" "5032113" "5047045" "5108415" "5163431" "5234416" "Re32983").PN. OR ("5342386").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 14:44
S87	221	("2546761" "2862108" "2955208" "3060924" "3147383" "3324847" "3505991" "3643096" "3669093" "3674006" "3750653" "3811426" "3861380" "3866050" "3927325" "4096862" "4220864" "4225790" "4244357" "4281252" "4314157" "4364376" "4584991" "4588395" "4631415" "4702228" "4706652" "4763642" "4763671" "4782834" "4784116" "4815449" "4819618" "4851694" "4861520" "4881937" "4897076" "4936823" "4963128" "4969863" "4976266" "4976680" "4976690" "5030194" "5032113" "5059166" "5084001" "5084002" "5092834" "5103395" "5106360"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 15:07

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S90	1954	(604/523).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/17 10:52
S89	2429	(604/264).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/17 10:52

S92	115	(604/534).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/17 10:53
S91	913	(604/533).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/17 10:53
S93	22	(US-20030032920-\$ or US-20030032921-\$). did. or (US-6695812-\$ or US-6746423-\$ or US- 6887219-\$ or US- 6890318-\$ or US- 6991626-\$ or US- 4921483-\$ or US- 6368301-\$ or US- 6692461-\$ or US- 6837869-\$ or US- 7115137-\$ or US- 6918920-\$ or US- 7141059-\$ or US- 5571089-\$ or US- 6322586-\$ or US- 7179345-\$ or US- 6908449-\$ or US- 5762637-\$ or US- 5234416-\$ or US- 5078702-\$).did. or (US- 6368301-\$ or US- 20040116956-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/21 10:50

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S95	564	S94 and (catheter and balloon and tip).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/25 10:31
S94	14549	((606/108) or (606/194) or (606/200) or (623/1.11) or (600/128) or (600/129) or (600/139) or (600/141) or (600/144) or (604/264) or (604/523) or (604/533) or (604/534)).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/25 10:31

S96	21	S95 and recess\$. clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/25 10:32
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3/ 25/ 2011 10:33:42 AM

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